

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: Stanley S. Toncich, et al.

Serial No.: 10/075,507

Filed: February 12, 2002

Title: TUNABLE POWER AMPLIFIER  
MATCHING CIRCUIT

) Dkt. No.: UTE 00160

) Art Unit: 2811

) Examiner: To Be Assigned

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INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. 1.97 and 1.98 and the duty of disclosure set forth in 37 C.F.R. 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO/SB/08A submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being submitted by express mail pursuant to 37 C.F.R. § 1.10, and therefore has a filing date of the date of deposit. This submission includes:

1. Information Disclosure Statement by Applicant (6 pages)
2. One Copy of Each Reference
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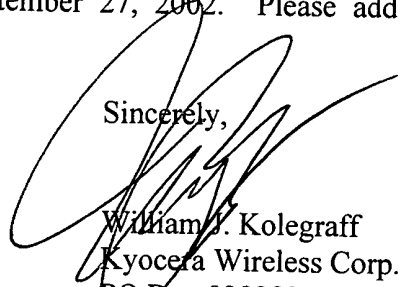
I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

William J. Kolegraff

Date of Deposit: September 27, 2002

Respectfully submitted September 27, 2002. Please address any questions or comments to the undersigned.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read 'W. Kolegraff', is written over the typed name and address.

William J. Kolegraff  
Kyocera Wireless Corp.  
PO Box 928289  
San Diego, CA 92192-8289  
Phone: 858/882-2000  
Reg. No. 41,125



PTO/SB/08A (10-01)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
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		First Named Inventor	Stanley S. Toncich		
		Art Unit	2811		
		Examiner Name	To Be Assigned		
Sheet	1	of	6	Attorney Docket Number	UTL 00160

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>5</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)				
	1	us-	5,729,239	03-17-1998	Rao, Jaganmohan B.L.	
	2	us-	6,049,726	04-11-2000	Gruenwald, Werner, et al.	
	3	us-	6,160,524	12-12-2000	Wilber, William	
	4	us-	6,198,441 B1	03-06-2001	Okabe, Hiroshi	
	5	us-	6,028,561	02-22-2000	Takei, Ken	
	6	us-	5,973,567	10-26-1999	Heal, Mark D., et al.	
	7	us-	4,475,108	10-02-1984	Moser, Kenneth R.	Abstract, Fig. 1
	8	us-	3,678,305	07-18-1972	George, Edward	
	9	us-	3,918,012	11-04-1975	Peuzin, Jean Claude	
	10	us-	5,450,092	09-12-1995	Das, Satyendranath	
	11	us-	6,333,719 B1	12-25-2001	Varadan, Vijay K.	
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	13	us-	4,733,328	03-22-1988	Blazej, Daniel C.	
	14	us-	5,617,104	04-01-1997	Das, Satyendranath	
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	17	us-	5,557,286	09-17-1996	Varadan, Vijay K., et al.	
	18	us-	5,561,407	10-01-1996	Koscica, Thomas E., et al.	
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	20	us-	5,496,795	03-05-1996	Das, Satyendranath	

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)					
	21	WO	00/62367	10-19-2000	Carlsson, Erik, et al.		
	22	JP	29-05-00 2001338839	07-12-2001	Tsuneo, Mishima		
	23	EP	0 637 131 A1	02-01-1995	Fujita Masanori		
	24	EP	0 843 374 A2	05-20-1998	uller, Frithjoj E., et al.	Abstract, Fig. 1	
	25	EP	0 638 953 A1	02-15-1995	Yasuoka, et al.		
	26	WO	00/35042	06-15-2000	engupta, Louise, et al.		
	27	EP	0 680 108 A1	11-02-1995	Atokawa, Masayuki		
	28	EP	0 881 700 A1	12-02-1998	Atokawa, Masayuki		
	29	WO	00/28613	05-18-2000	engupta, Louise, et al.		
	30	DE	40 36 866 A1	07-25-1991	Yamamoto, Masaki		

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	31	US- 6,097,263	08-01-2000	Mueller, Carl H., et al.	
	32	US- 5,987,314	11-16-1999	Salto, Atsushi	
	33	US- 5,472,935	12-5-1995	Yandrofski, Robert, et al.	
	34	US- 4,799,066	01-17-1989	Deacon, Malcolm J.	
	35	US- 5,166,857	11-24-1992	Avanic, Branko, et al.	
	36	US- 5,880,921	03-09-1999	Tham, J.L. Julian, et al.	
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	39	US- 3,413,543	11-26-1968	Schubring, et al.	Col. 4, lines 3- 31, Fig. 2
	40	US- 5,945,887	08-31-1999	Makino, Toshihiro, et al.	
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	42	US- 5,216,392	06-01-1993	Fraser, Randall S.	
	43	US- 3,676,803	07-11-1972	Simmons, William J.	
	44	US- 3,836,874	09-17-1974	Maeda, Minoru, et al.	
	45	US- 5,778,308	07-07-1998	Sroka, Peter, et al.	
	46	US- 5,777,524	07-07-1998	Wojewoda, Carl E., et al.	
	47	US- 6,052,036	04-18-2000	Enstrom, Hakan, et al.	
	48	US- 6,292,143 B1	09-18-2001	Romanofsky, Robert R.	
	49	US- 5,617,104	04-01-1997	Das, Satyendranath	
	50	US-			

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	51	EP 1 043 741 A2	10-11-2000	Klee, Mareike, et al.		
	52	EP 0 795 922 A1	09-17-1997	Tsuru, Teruhisa, et al.		
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	56	WO 94/13028	06-09-1994	Yandrofski, et al.	Col. 8, lines 9-26,	
	57				Figs. 30-31; p. 14,	
	58				par. 4, abst.,	
	59				figs. 2, 4, 11	
	60					

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		<b>Application Number</b>	10/075,507
<b>Sheet</b>	3	<b>of</b>	6
		<b>Filing Date</b>	February 12, 2002
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		<b>Group Art Unit</b>	2811
		<b>Examiner Name</b>	To Be Assigned
		<b>Attorney Docket Number</b>	UTL 00160

<b>OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS</b>			
<b>Examiner Initials</b>	<b>Cite No.<sup>1</sup></b>	<b>Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published</b>	<b>T<sup>2</sup></b>
	61	A. Presser, "Varactor-Tunable, High-Q Microwave Filter," RCA Review, Vol. 42, Dec. 1981, pp. 691-705.	
	62	C. Chang and T. Itoh, "Microwave Active Filters Based on Coupled Negative Resistance Method," IEEE Trans. on Microwave Theory and Techniques, Vol. 38, No. 12, Dec. 1990, pp. 1879-1884.	
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	81	R. L. Slevin, "Design of a Tunable Multi-Cavity Waveguide Band-Pass Filter," 1959 IRE National Convention Record, Part 3, pp. 91-112.	
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	83	K.L. Kotzebue, "Broadband Electronically-Tunable Microwave Filters," 1960 IRE Wescon Convention Record, Part 1, pp.21-27.	
	84	J.P. Louhos and I. Pankinaho, "Electrical Tuning of Integrated Mobile Phone Antennas," Nokia Mobile Phones, pp. 69- 97 (September 15, 1999).	
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	87	V. K. Varadan, K. A. Jose, V. V. Varadan, "Design and Development of Electronically Tunable Microstrip Antennas," IOP Publishing Ltd., pp.238-242 (1999).	
	88	Communication Relating to the Results of the Partial International Search: PCT/IB 02/01077 (2002).	
	89	International Search Report: PCT/IB 02/01086 (June 24, 2002).	
	90	International Search Report: PCT/IB 02/01078 (July 10, 2002).	
	91	International Search Report: PCT/IB 02/01087 (July 19, 2002).	
	92	International Search Report: PCT/IB 02/01107 (July 11, 2002).	
	93	International Search Report: PCT/IB 02/01120 (July 11, 2002).	

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	94	International Search Report: PCT/IB 02/01098 (July 4, 2002).	
	95	International Search Report: PCT/IB 02/01082 (July 8, 2002).	
	96	International Search Report: PCT/IB 02/01144 (July 12, 2002).	
	97	International Search Report: PCT/IB 02/01026 (June 28, 2002).	
	98	International Search Report: PCT/IB 02/01027 (June 25, 2002).	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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